

## Employment of Certified Teachers 2012-2016

This table shows the number of candidates who obtained initial standard teaching certificates through each preparation route, followed by the number and percentage who were employed as teachers the following academic year. The table also shows combined results for all routes. Employment as a permanently employed substitute teacher was not included in the employment percentages.

**Definitions.** An initial teaching certificate is a standard or lifetime teaching certificate issued in a particular academic year to a teacher who was not issued a standard or lifetime teaching certificate in any previous academic year. A standard certificate is a certificate offered since 1998-99 that is renewed every five years.

### Results

- Teachers prepared through the alternative route had much higher employment rates than those prepared through the remaining routes.
- Employment percentages have increased each academic year, with smaller increases in more recent years.
- Percentages tended to level off by academic year 2015-16.
- The university undergraduate route showed an increase of more than 25 percentage points over academic years 2012-13 and 2013-14, before leveling off.
- The out-of-state route had the lowest percentages beginning in academic year 2013-14, when it fell behind the university post-baccalaureate and university undergraduate routes.

Preparation Route	Results for 2011-12			Results for 2012-13			Results for 2013-14			Results for 2014-15			Results for 2015-16		
	2010-11 Certified	2011-12 Employed	2011-12 Percent	2011-12 Certified	2012-13 Employed	2012-13 Percent	2012-13 Certified	2013-14 Employed	2013-14 Percent	2013-14 Certified	2014-15 Employed	2014-15 Percent	2014-15 Certified	2015-16 Employed	2015-16 Percent
Alternative	12,581	9,654	76.7	7,308	5,850	80.0	8,683	7,521	86.6	10,616	9,399	88.5	12,075	10,686	88.5
University Post-Bac.	1,687	816	48.4	1,199	740	61.7	1,044	765	73.3	1,090	849	77.9	1,185	921	77.7
University Undergrad.	9,550	4,528	47.4	9,759	6,446	66.1	10,271	7,633	74.3	9,866	7,545	76.5	9,001	6,882	76.5
Out of State	2,649	1,464	55.3	2,015	1,246	61.8	2,583	1,820	70.5	3,117	2,275	73.0	3,440	2,549	74.1
All Routes *	26,401	16,426	62.2	20,184	14,220	70.5	22,467	17,662	78.6	24,528	19,941	81.3	25,638	20,988	81.9

\* Results for individual routes may not sum to the totals for All Routes because the totals are counts rather than sums. A sum of routes would produce duplication as some teachers have been prepared through more than one route.

*Summary of methodology.* Five tables were extracted containing identification numbers and preparation routes of educators who obtained a standard teaching certificate for academic years 2010-11 through 2014-15. Five additional tables were extracted containing identification numbers of individuals who were employed as teachers for the following academic year. The two sets of tables were combined. For each preparation route, counts of certified teachers and of certified, employed teachers were obtained. Then, percentages were computed.

From each of the original five tables, a new table was obtained containing identification numbers of teachers prepared through any route. Additional tables were extracted as before, and the process outlined above was repeated. Finally, all results were combined into one table. Employment as a regular classroom teacher or a permanent substitute teacher was included as teaching employment. Teachers who obtained certification by demonstrating career experience were omitted from the certification data as this process is not considered a preparation route.